

AS PART OF APPALACHIAN FLOORING'S STRUCTURAL WARRANTY IT IS IMPORTANT TO FOLLOW THE RECOMMENDED INSTALLATION PROCEDURES FOR OUR SOLID PRODUCTS OR THE WARRANTY WILL BE VOIDED.

Does wood move after it is installed?

The movement of water into and out of the boards doesn't stop when they leave the mill. There is almost always some moisture in the air (we call it humidity). If there is more moisture in the air than in the wood, the wood absorbs the moisture until it is in equilibrium with the air. This also happens in reverse if there is more moisture in the wood than in the air the process. Expansion takes place, and the hardwood grows, across the grain (width) of the plank. Conversely when air moisture levels decrease, moisture content evaporates, shrinking the hardwood.

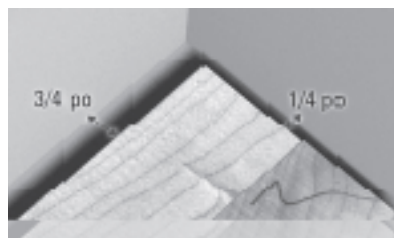
What is an expansion space?

Expansion gaps are spaces left around the perimeter of rooms allowing for movement to across the width of the flooring. The expansion space will help prevent the flooring from buckling, edge crush and splitting, due to the stress applied to the flooring.

Is the expansion space necessary for engineered flooring?

Solid hardwood floors will by far, expand and contract, more than engineered products. However an expansion space is still necessary with the installation of engineered flooring.

What is Appalachian Solid Flooring expansion space recommendation?



Leave a 3/4" (19 mm) expansion joint along all the walls in the room. Leave a space of 1/4" (6 mm) between the wall and the end of each row of flooring. Install the first of strips by drilling holes 3/32" (2 mm) at 1" (25 mm) from the edge of each board at intervals of 12" (30 cm). Do not use glue to secure these rows as it will void the warranty and will cause the expansion space to not function properly.

Can you glue your first or last row?

With certain adhesives it can void your warranty. For Instance construction adhesive creates a rigid barrier and does not allow for proper expansion and contraction of the flooring. Construction Adhesive is designed to bond two materials together and to hold them without movement. Gluing the first and last row with construction adhesive can cause buckling, edge crush and splits due to stress on the flooring. Wood flooring adhesive have elasticity and are designed to move. as the hardwood contracts and expands. Wood glues such as Mapei Ultrabond 990, Sika T53 and Bostik's Best are suitable examples of wood glues that meet the flexibility requirements.

For More Information our full warranty, installation guides and maintenance guides can

be found on our web site at <http://www.appalachianflooring.com/documents/>

